



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Zhonghua Lu et al. Art Unit : 1746  
Serial No. : 09/845,178 Examiner : Monique Wills  
Filed : April 27, 2001  
Title : IMPROVED CATHODE COMPOSITIONS FOR LITHIUM BATTERIES

**MAIL STOP PETITIONS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants request consideration of the references listed on the attached PTO-1449 form. Under 37 C.F.R. § 1.98 (a)(2)(ii), only copies of foreign patent documents and/or non-patent literature are enclosed. Copies of any listed U.S. patents or U.S. patent application publications can be provided upon request.

This filing is being made with the filing of a Request for Continued Examination. No fee is required.

Respectfully submitted,

Date: March 15, 2005

Dorothy P. Whelan  
Dorothy P. Whelan  
Reg. No. 33,814

Fish & Richardson P.C., P.A.  
60 South Sixth Street  
Suite 3300  
Minneapolis, MN 55402  
Telephone: (612) 335-5070  
Facsimile: (612) 288-9696

60277688.doc

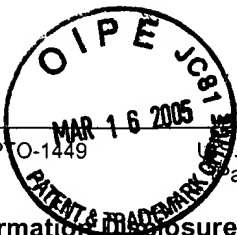
**CERTIFICATE OF DELIVERY BY HAND**

I hereby certify that this correspondence is being delivered by hand on the date indicated below and is addressed to the U.S. Patent and Trademark Office, 2011 South Clark Place, Customer Window, Mail Stop PETITIONS Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202.

\_\_\_\_\_  
Date of Delivery

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Typed or Printed Name of Person Signing Certificate



Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12900-001001	Application No. 09/845,178
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))		Applicant Zhonghua Lu et al.	
		Filing Date April 27, 2001	Group Art Unit 1746

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	6,589,499	7/8/03	Gao et al.			
	AB	6,620,400	9/16/03	Gao et al.			
	AC	6,361,756	3/26/02	Gao et al.			
	AD	2003/3082452	5/1/03	Ueda et al.			
	AE	5,993,998	11/30/99	Yasuda			
	AF	6,103,422	8/15/00	Kanai			
	AG	5,609,975	3/11/97	Hasegawa et al.			
	AH	5,292,601	3/8/94	Sugeno et al.			
	AI	2002/053663	5/9/02	Ito et al.			
	AJ	6,214,493	4/10/01	Bruce et al.			
	AK	6,077,496	6/20/00	Ito et al.			
	AL	5,478,671	12/26/95	Idota			
	AM	5,626,635	5/6/97	Yamaura et al.			
	AN	6,589,694	7/8/03	Gosho et al.			
	AO	2002/0150530	10/17/02	Gao et al.			
	AP	6,040,090	3/21/00	Sunagawa et al.			
	AQ	5,478,675	12/26/95	Nagaura et al.			
	AR	2002/0086210	11/8/01	Naruoka et al.			
	AS	6,551,744	4/22/03	Ohzuku et al.			
	AT	6,017,654	1/25/00	Kumta et al.			
	AU	2001/0010807	8/2/01	Matsubara			
	AV	5,981,445	11/9/99	Kirchnerova et al.			
	AW	5,531,920	7/2/96	Mao et al.			
	AX	5,565,688	10/15/96	Hayashi			
	AY	5,742,070	4/21/98	Hayashi et al.			
	AZ	5,770,173	6/23/98	Nitta et al.			
	AAA	5,589,300	12/31/96	Fauteux et al.			


Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12900-001001	Application No. 09/845,178
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Zhonghua Lu et al.	
		Filing Date April 27, 2001	Group Art Unit 1746

### U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	ABB	5,370,948	12/6/94	Hasegawa et al.			
	ACC	5,264,201	11/23/93	Dahn et al.			
	ADD	5,911,920	6/15/99	Hasezaki et al.			
	AEE	5,521,027	5/28/96	Okuno et al.			
	AFF	5,525,443	5/11/96	Okuno et al.			
	AGG						

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office  	Attorney's Docket No. 12900-001001	Application No. 09/845,178
		Applicant Zhonghua Lu et al.	
		Filing Date April 27, 2001	Group Art Unit 1746

### Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AHH	JP2822659		Japan			X	
	AII	JP05-067466	3/19/1993	Japan			X	
	AJJ	JP05-182667	7/23/1993	Japan			X	
	AKK	JP05-198301	8/6/1993	Japan			X	
	ALL	JP05-283077	10/29/1993	Japan			X	
	AMM	JP06-275264	9/30/1994	Japan			X	
	ANN	JP06-275269	9/30/1994	Japan			X	
	AOO	JP07-134985	5/23/1995	Japan			X	
	APP	JP07-235291	9/5/1995	Japan			X	
	AQQ	JP07-235292	9/5/1995	Japan			X	
	ARR	JP08-171935	7/2/1996	Japan			X	
	ASS	JP08-315819	11/29/1996	Japan			X	
	ATT	JP10-188982	7/21/1998	Japan			X	
	AUU	JP2000-173599	6/23/2000	Japan			X	
	AVV	JP2000-173667	6/23/2000	Japan			X	
	AWW	JP2000-195514	7/14/2000	Japan			X	
	AXX	JP2000-231919	8/22/2000	Japan			X	
	AYY	JP2000-323123	11/24/2000	Japan			X	
	AZZ	JP2000-323142	11/24/2000	Japan			X	
	AAAA	JP2000-327339	11/28/2000	Japan			X	
	ABBB	JP2001-052702	2/23/2001	Japan			X	
	ACCC	JP86055747	3/31/1980	Japan			X	
	ADDD	JP3079382		Japan			X	
	AEEE	JP2668678		Japan			X	

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12900-001001	Application No. 09/845,178
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Zhonghua Lu et al.	
		Filing Date April 27, 2001	Group Art Unit 1746

### Foreign Patent Documents and Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AFFF	JP2561556		Japan			X	
	AGGG	JP2699176		Japan			X	
	AHHH	JP8-213015	8/20/1996	Japan			X	
	AIII	JP 10-1065652		Japan			X	
	AJJJ	2001-146426		Japan			X	
	AKKK	2000-268821		Japan			X	
	ALLL	3197763		Japan			X	
	AMMM	8-37007	1996	Japan			X	
	ANNN	2000-277151		Japan			X	
	AOOO	2000-223157	8/11/2000	Japan			X	
	APPP	2000-294242	10/20/00	Japan			X	
	AQQQ	2000-294240		Japan			X	
	ARRR	2002-063900	2/28/2002	Japan			X	
	ASSS	EP1 117 145	7/18/2001	EPO				
	ATTT	EP 0 501 187	4/17/1996	EPO				
	AUUU	EP 0 903 796	3/24/99	EPO				

### Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AVVV	Numata, K. et al., <i>Preparation and electrochemical properties of layered lithium-cobalt-manganese oxides</i> , <i>Solid State Ionics</i> , 118(1999) pp. 117-120.
	AWWW	Numata K. et al., <i>Synthesis of Solid Solutions in a System of <math>\text{LiCoO}_2\text{-Li}_2\text{MnO}_3</math> for Cathode Materials of Secondary Lithium Batteries</i> , <i>The Chemical Society of Japan</i> , (1997), pp. 725-726.
	AXXX	Numata K. et al., <i>Synthesis and characterization of layer structured solid solutions in the system of <math>\text{LiCoO}_2\text{-Li}_2\text{MnO}_3</math></i> , <i>Solid State Ionics</i> 117 (1999) pp. 257-263.

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	